

E72-10076
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PROGRESS REPORT #2

ERTS - 1 PROPOSAL NMC No. 0205

1 September 1972

Principal Investigator - Ernest G. Stoeckler

Proposal NMC #0205, Detection and Monitoring Vegetation Damage Associated
with Highways and Highway Facilities.

Problems

1. No ERTS-1 or U-2 underflight imagery has been received by this
office to date.

Accomplishments

1. Zoom-95 Stereoscope was received.

2. A U-2 underflight covering about 500 linear nautical miles was
flown over portions of the six study areas on 20 August 1972. According
to Pilot James Barns RCV and CIR photos were obtained. Portions of the
mission were covered by scattered clouds and at least 25% of the area
was cloud-free. Ames Research Center said that their photo lab will
probably forward the imagery and photography, both for the 27 April and
20 August underflights, by 10 September 1972.

3. A commercial firm obtained color and color infrared 70mm photo-
graphy at a scale of 1:80,000 on 15 and 16 August 1972. Twelve flight
lines, each twelve miles long, were located in various portions of the
coverage taken by the U-2 20 August underflight.

Planned for Next Period

1. Analyze imagery and photography described above.

(E72-10076) DETECTION AND MONITORING
VEGETATION DAMAGE ASSOCIATED WITH HIGHWAYS
AND HIGHWAY FACILITIES Progress E.G.
Stoeckler (Maine Dept. of Transportation,
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